

FIGURE 1A

Title: Robot Vacuum
Docket No.: SHPR-01360USS
Appl. No.: To be assigned
Confirm No.: To be assigned
Filed: Herewith

Inventor(s): Parker
Attorney: Joseph P. O'Malley
Phone: (415) 362-3800
Express Mail No: EV 375096155 US

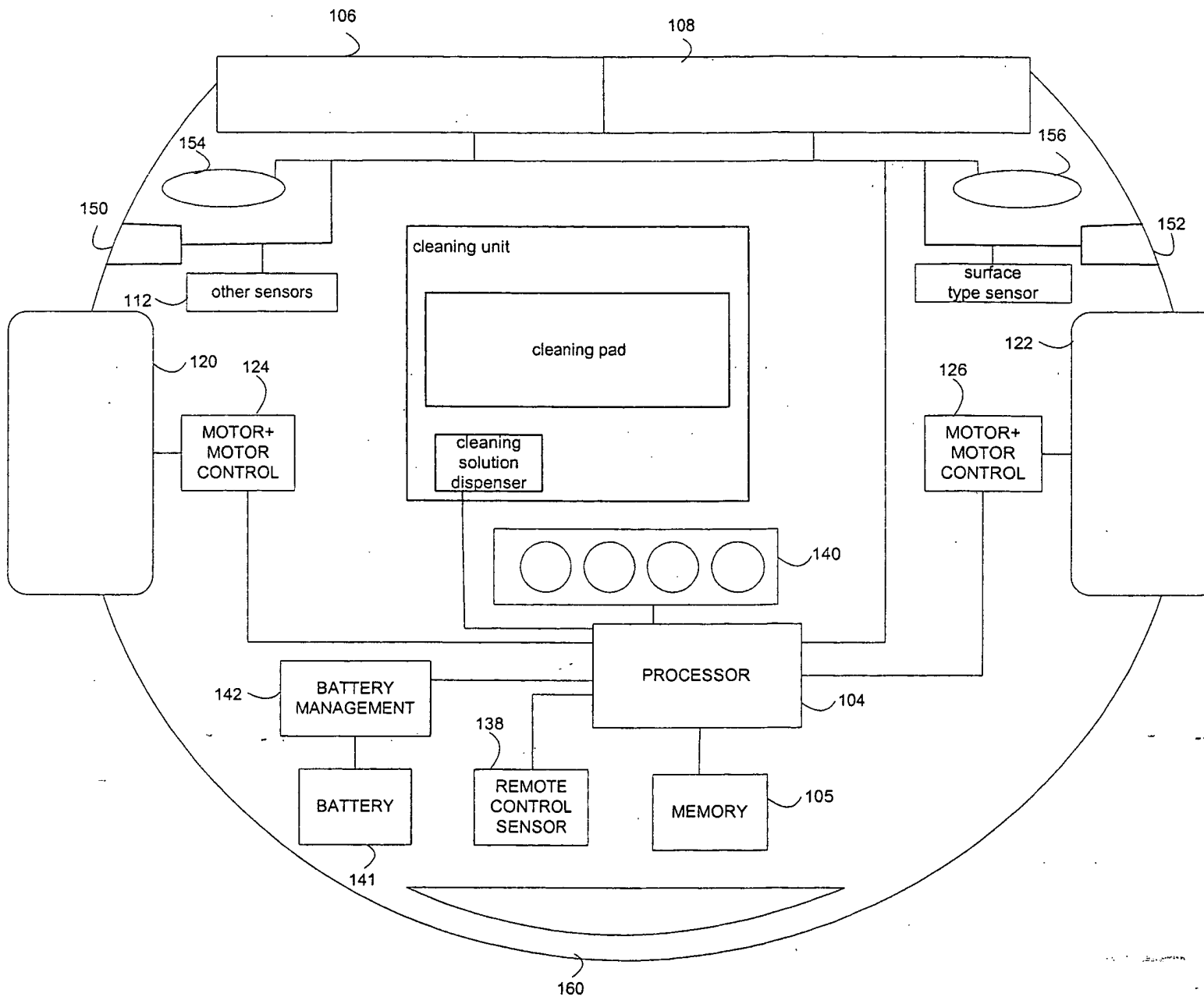


FIGURE 1B

Title: Robot Vacuum
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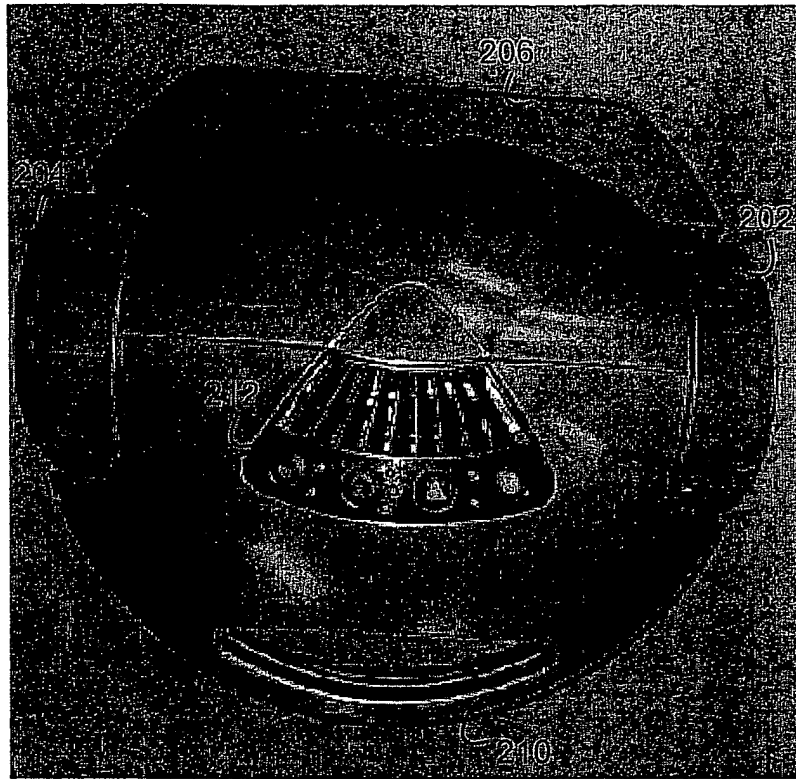


FIGURE 2A

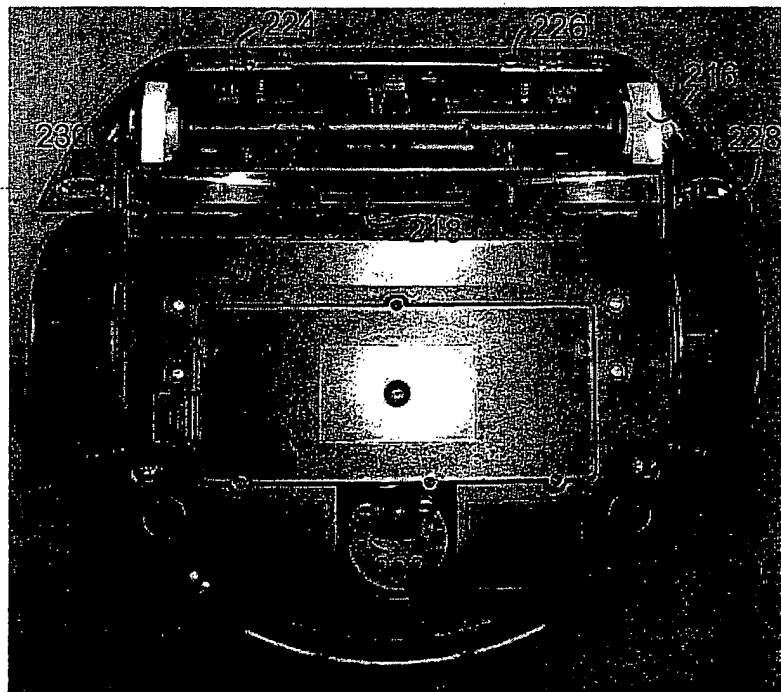


FIGURE 2B

BEST AVAILABLE COPY

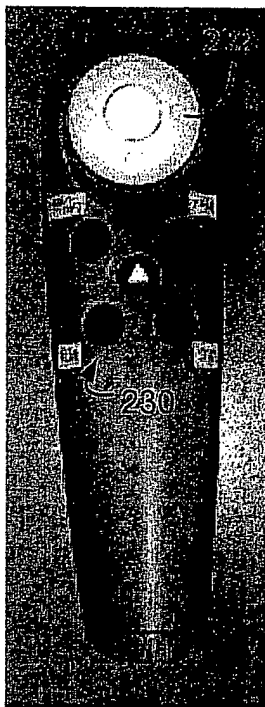


FIGURE 2F

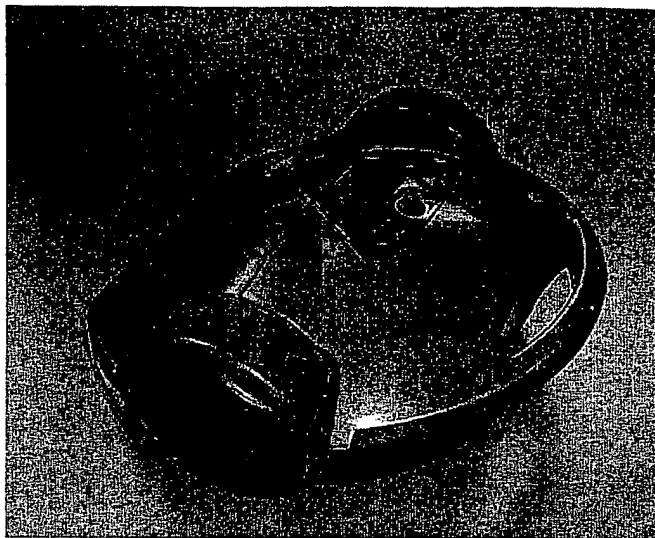


FIGURE 2C



FIGURE 2D

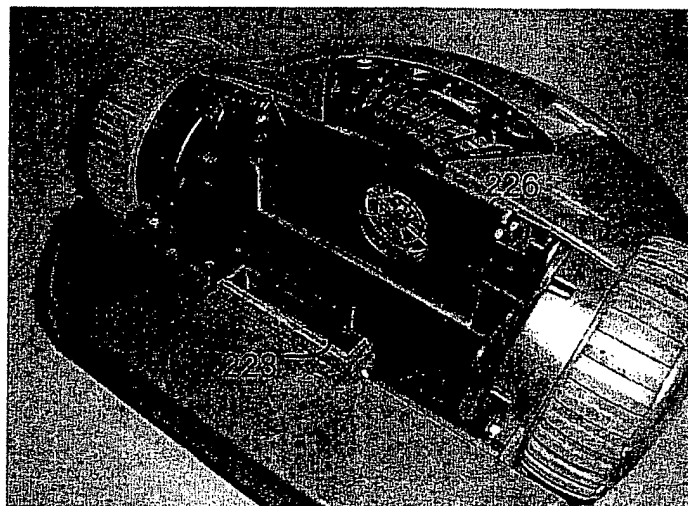


FIGURE 2E

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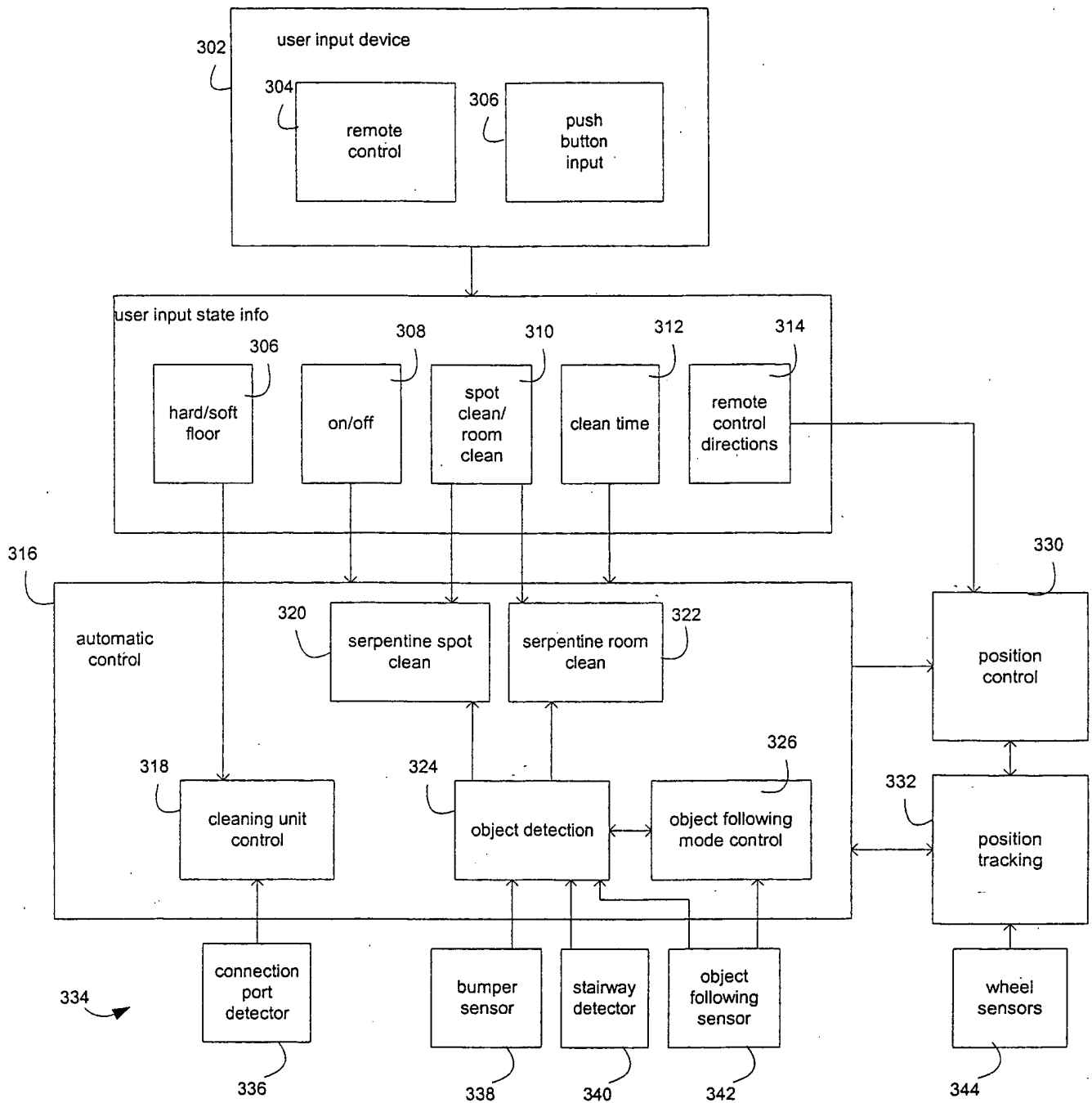


FIGURE 3

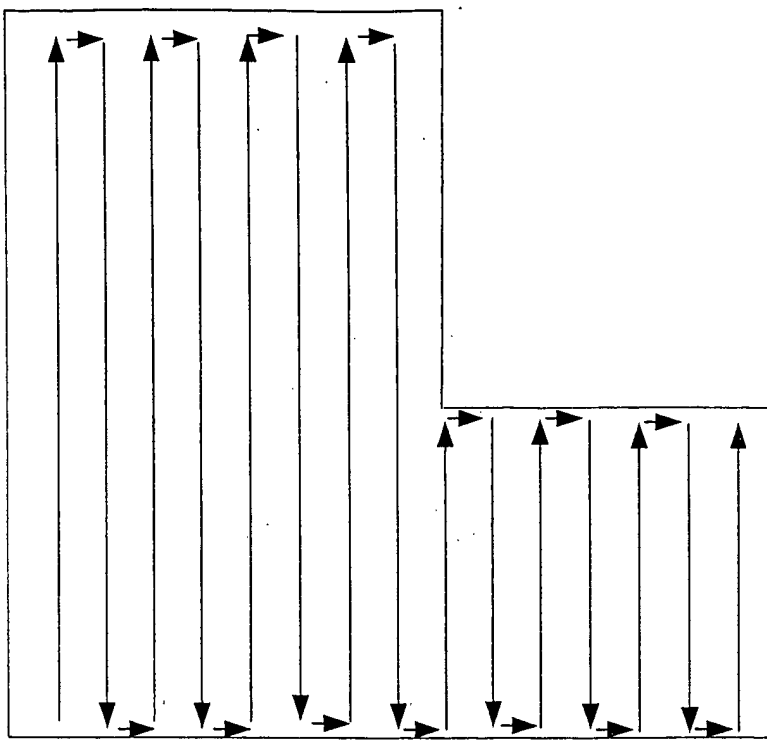


FIGURE 4

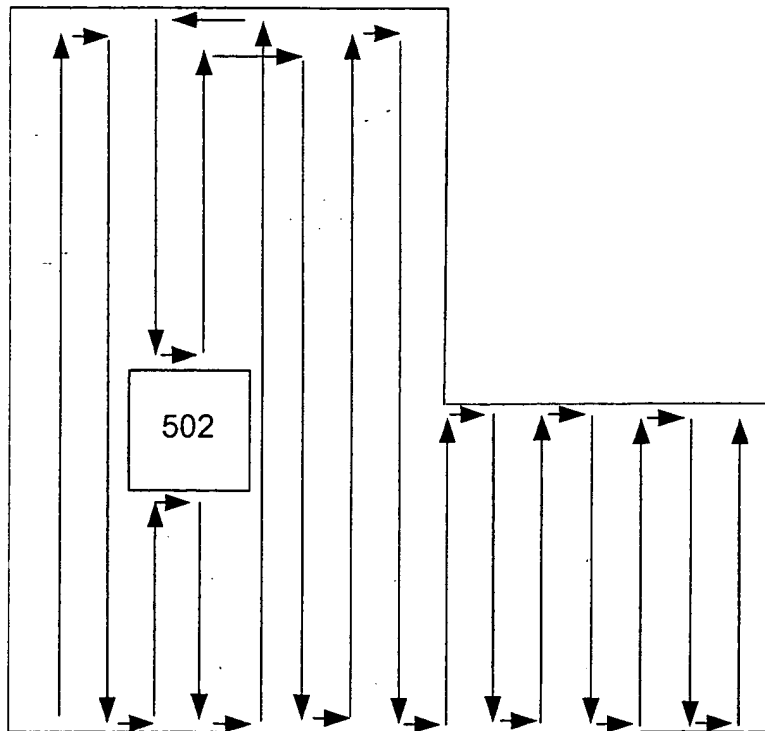


FIGURE 5

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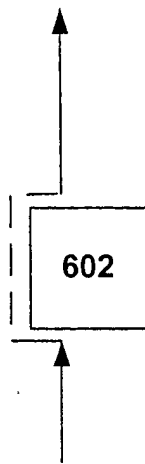


FIGURE 6

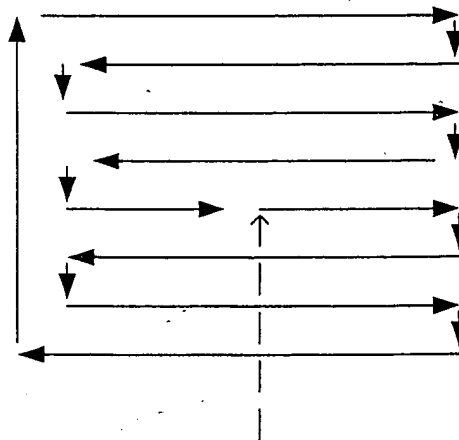


FIGURE 7

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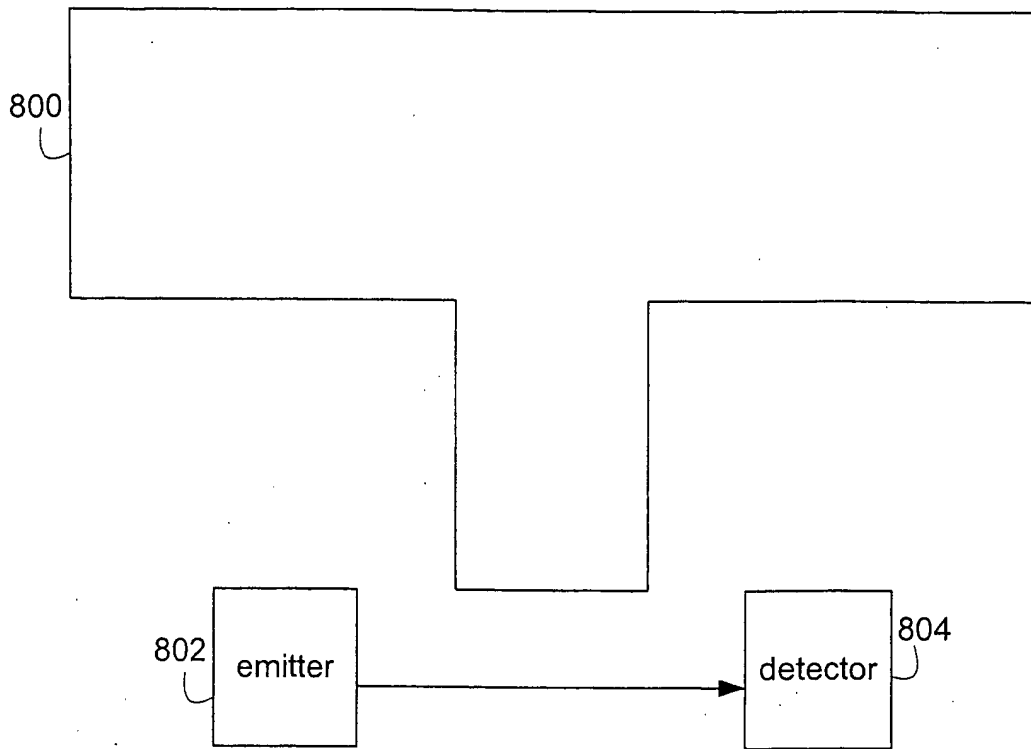


FIGURE 8A

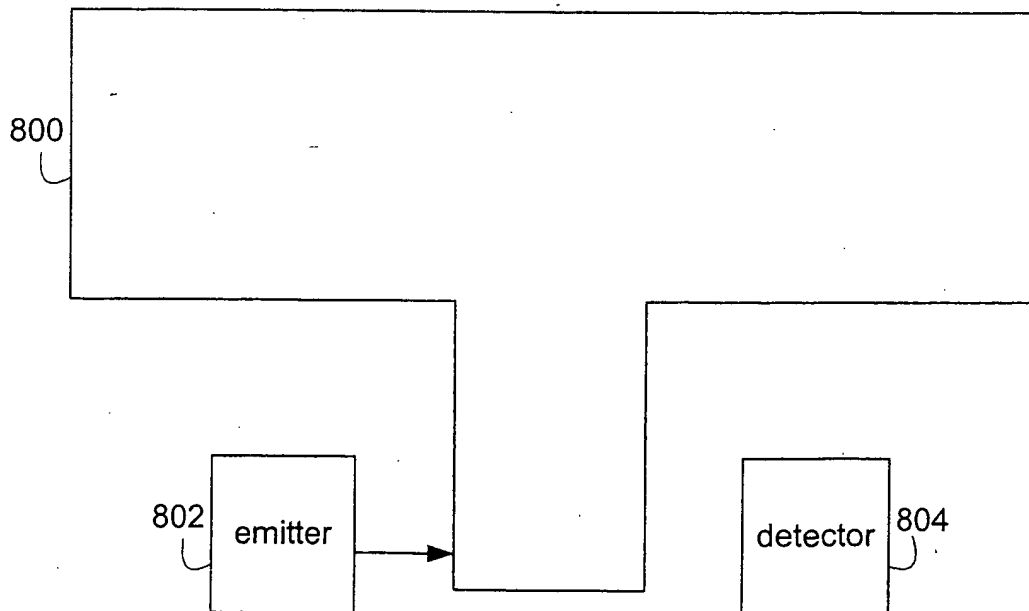


FIGURE 8B

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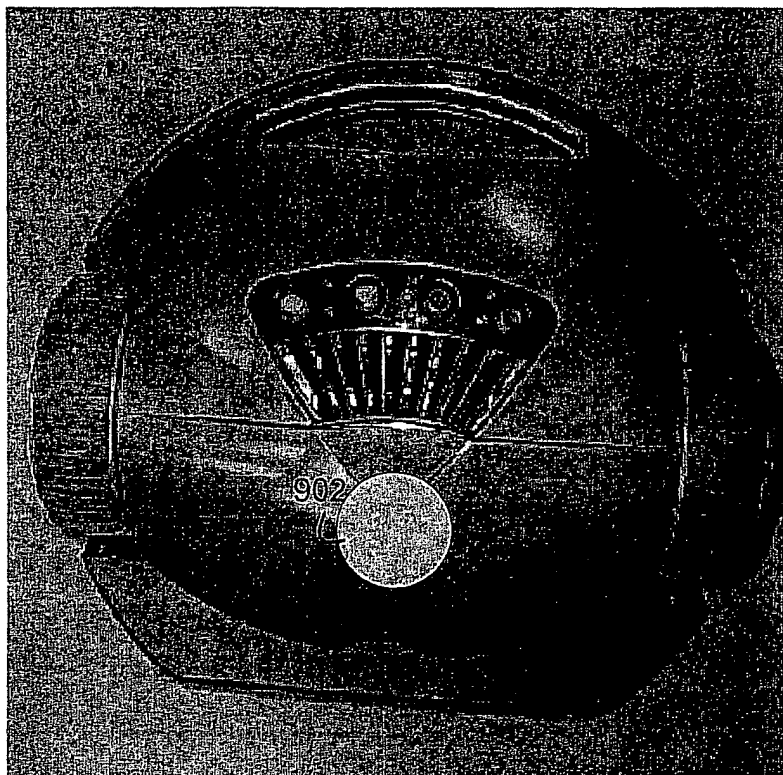


FIGURE 9A

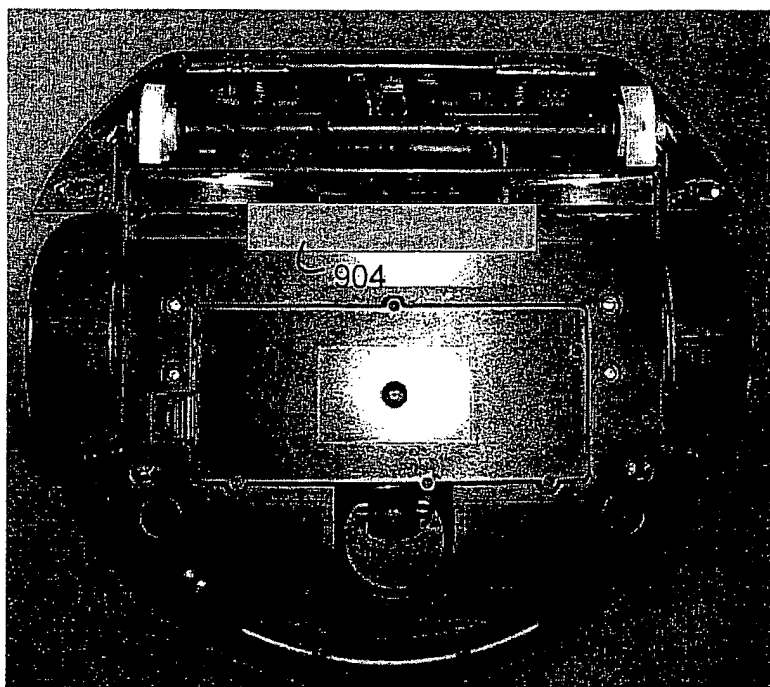


FIGURE 9B

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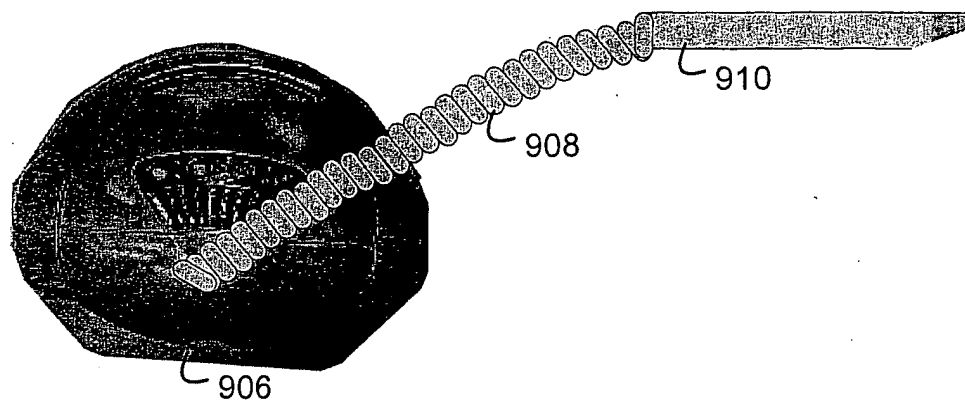


FIGURE 9C

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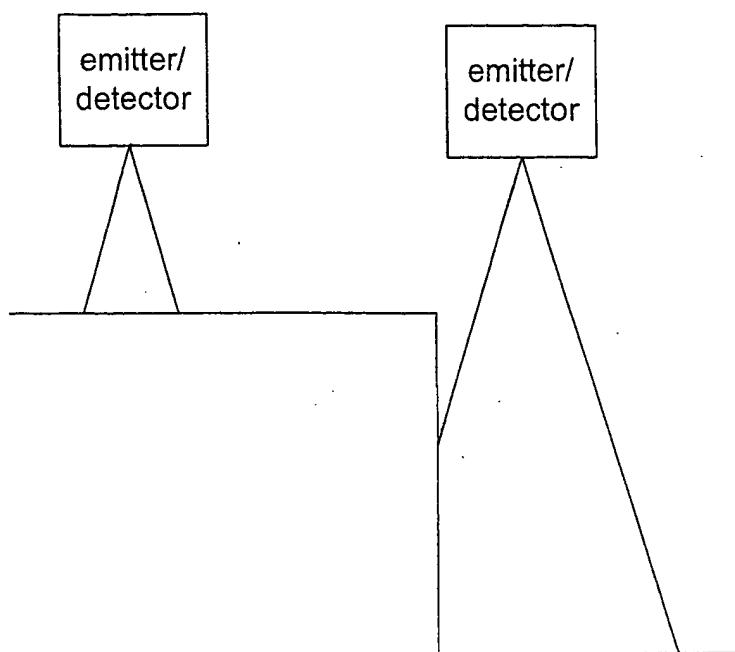


FIGURE 10A

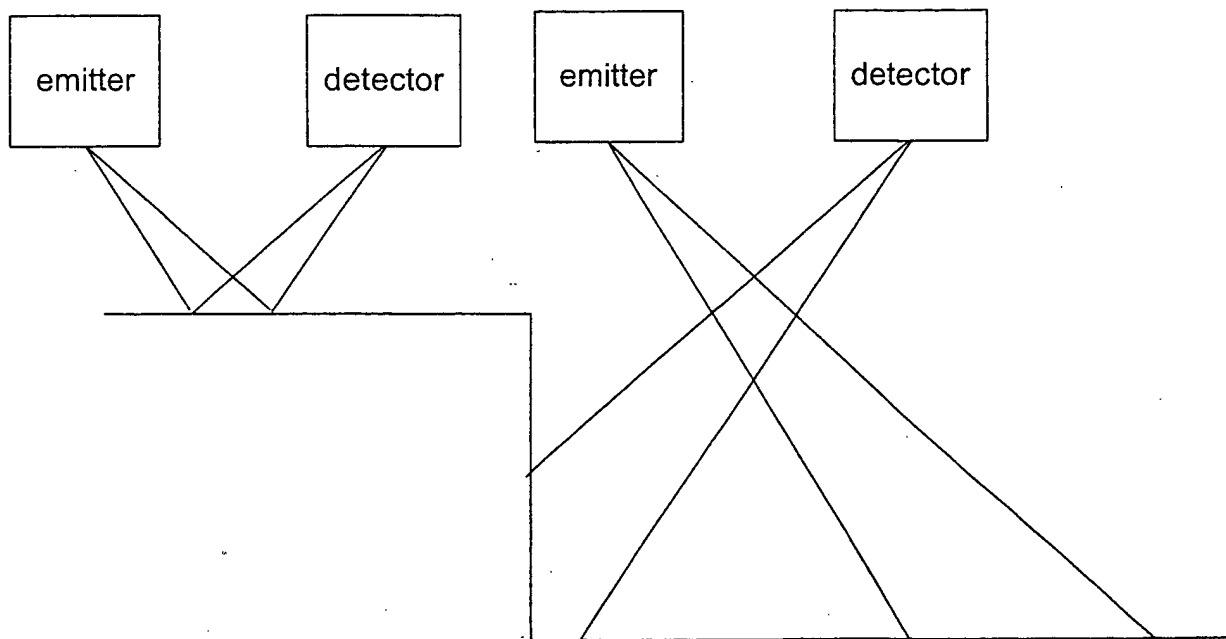


FIGURE 10B

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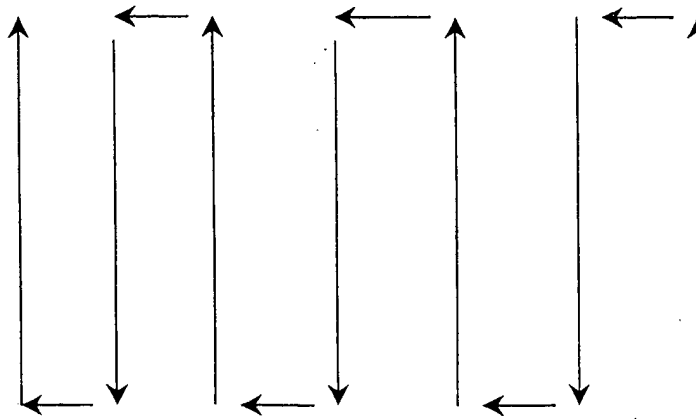


FIGURE 11A

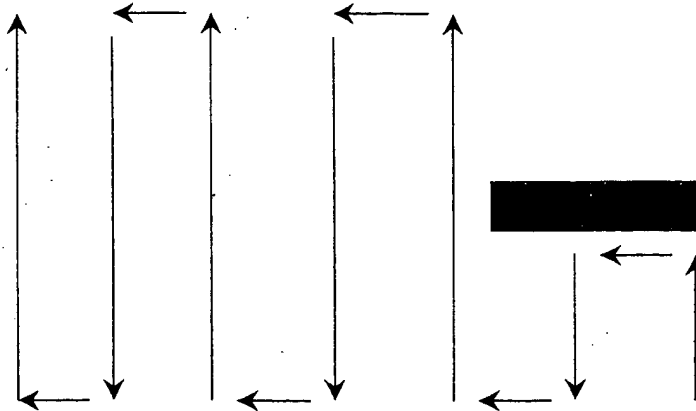


FIGURE 11B

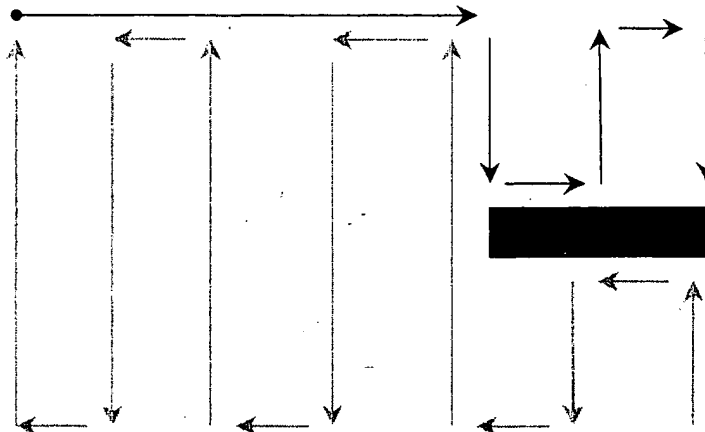


FIGURE 11C

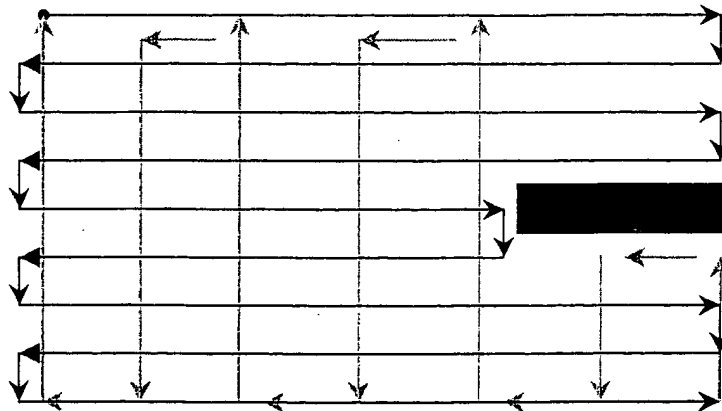


FIGURE 11D

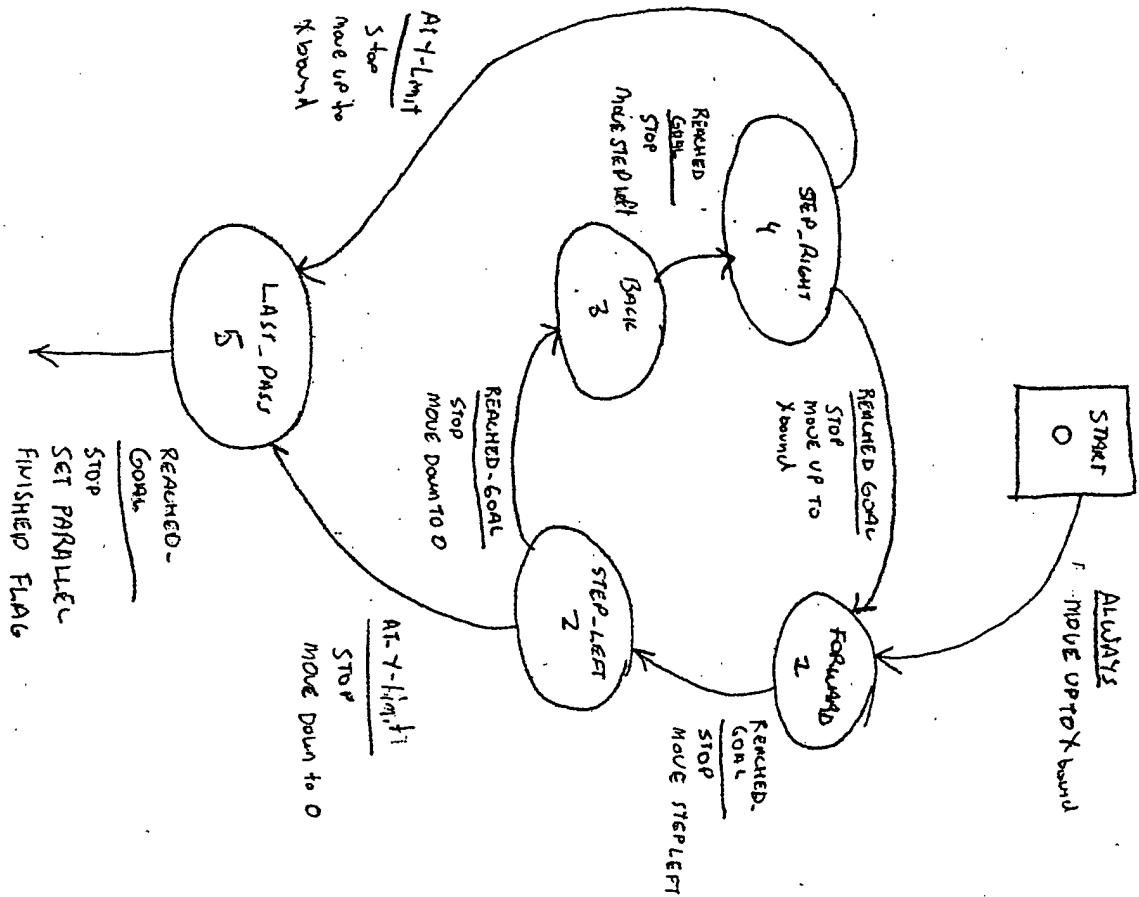


FIGURE 12A

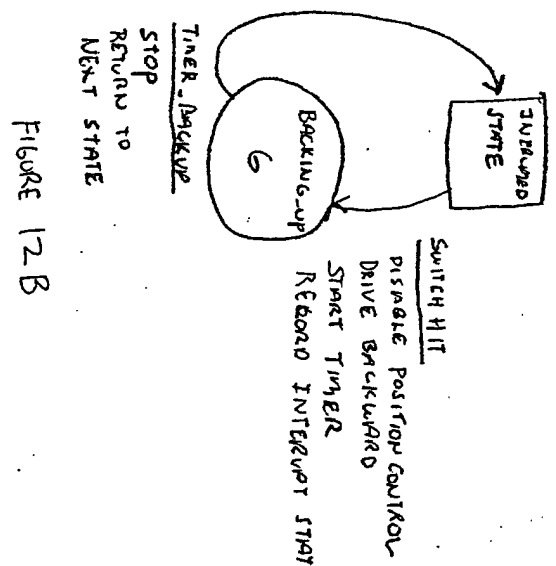


FIGURE 12B

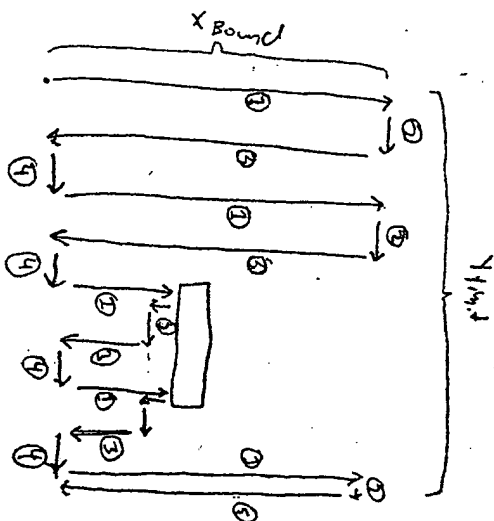


FIGURE 13

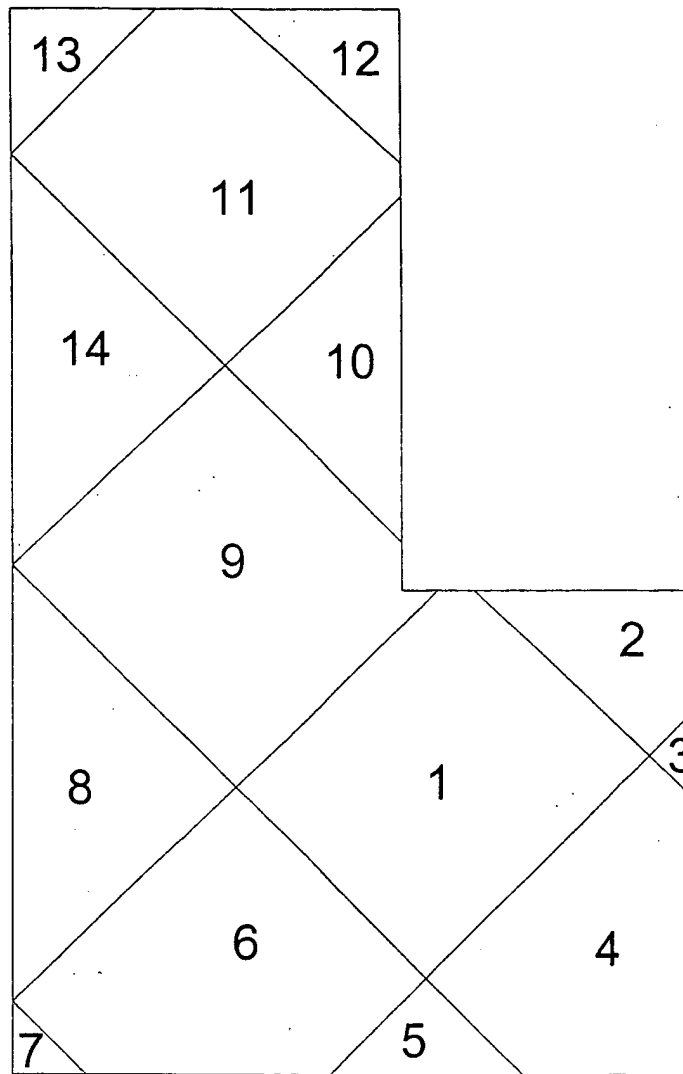


FIGURE 14

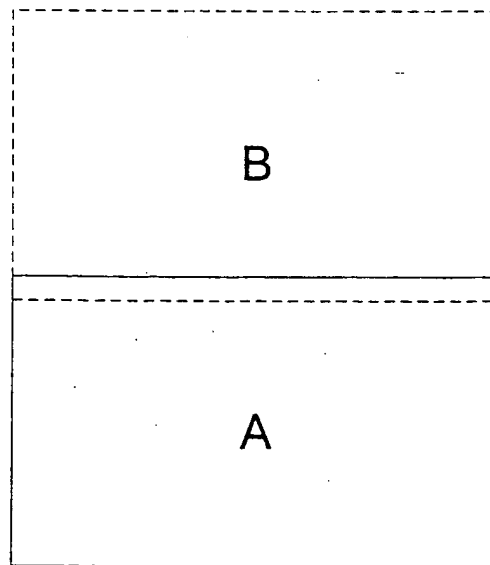
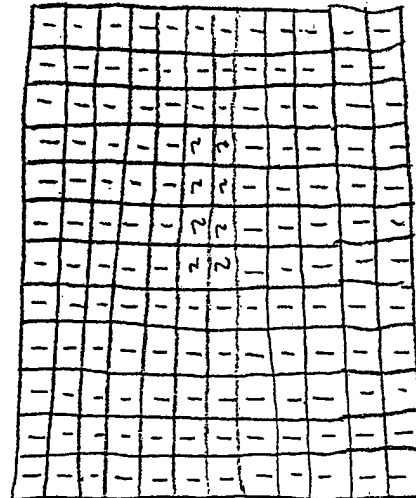
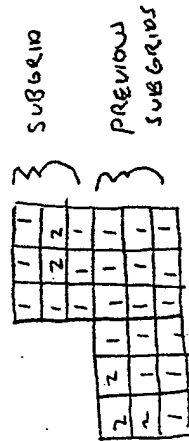


FIGURE 15



SUB GRID
MAP
FIGURE 16A



SUB GRID
PREVIOUS
SUB GRIDS

FIGURE 16B